	MARK																			
	MARK	WASTE PIPE VENT PIPE COLD WATER HOT WA																		
	MARK		WAST	TE PIPE	VEN	IT PIPE		COLD W	/ATER	Н	IOT WAT	ΓER	WAS		WATER	WRIST BLADE	ELECTRIC			
		DESCRIPTION	IN	[mm]	IN	[mn	1]	IN	[mm]	IN		[mm]	FIXTU UNI	1	FIXTURE UNITS	HANDLES	SENSOR	REMARKS		
	P-103	WATER CLOSET, WALL HUNG, ELONGATED BOWL	3	[75]	2	[50]	1	[25]			[]	4		4	N/A	NO	RIM: 18" AFF		
	P-403	LAVATORY FOOT PEDAL CONTROL	1.5	[50]	1.5	[38	1	.5	[13]	.5		[13]	2	!	2	N/A	NO	RIM: 34" AFF		
	P-404	LAVATORY FOOT PEDAL W / EYEWASH	1.5	[38]	1.5	[38]	.5	[13]	.5		[13]	2	!	2	N/A	NO			
	P-418	LAVATORY	1.5	[38]	1.5	[38]	.5	[13]	.5		[13]	2	!	2	N/A	YES	RIM: 34" AFF		
	P-502	MOP BASIN	3	[75]	1.5	[38]	.5	[13]	.5		[13]	3	,	4	N/A	NO			
	P-528	KITCHEN SINK SINGLE BOWL	BOWL 1.5 [38] 1.5 [38] .5 [13] .5							[13]	2	!	2	YES	NO					
	P-703	SHOWER FITTING	0	[]	1.5	[38]	.5	[13]	.5 [13]			2	!	2	N/A	NO	SHOWER HEAD: 72" AFF		
	P-707	EMERGENCY SHOWER	0	[]				1	[25]		[]				10	N/A	NO	SHOWER HEAD: 84" AFF		
	P-708	EMERGENCY EYEWASH	2	[50]	1.5	[38]	1	[25]			[]	2	!	2	N/A	NO	SPRAY HEADS: 42" AFF		
	P-804	HOSE BIBB						75	[19]						2					
	P-811	MIXING VALVE																		
	P-813	WATER GUN	~					.5	[13]						2		NO	DECK MOUNT FAUCET W FLEXIBLE HOSE TO WATER	/ITH R GUN	ł
					EQUIPI	MENT	ROUGI	H-IN S	SCHED											
٨	MARK	EQUIPMENT DESCRIPTION		TE PIPE	VENT PIPE	COL	D WATER	НОТ	WATER	REVE OSM WA	OSIS	LAB	AIR	LAB V	ACUUM	REMARKS				
		ENDOCODE	IN	[mm]	IN [mn	n] IN	[mm]	IN	[mm]			IN	[mm]	IN	[mm]		_		MARK	
	EQ-1	ENDOSCOPE REPROCESSOR	2.0	[50]	1.5 [38		[13]	.75	[19]		[]	.5	[13]		[] 1, 2		_			
	EQ-2	WASHER DISINFECTOR ELECTRIC STEAM	2	[50]	2 [50] .5	[13]	.5	[13]	.5	[13]	.125	[3]		[] 1, 2,				SP-1	

			WATER FILTE	R SCHEDU	LE			
MARK	LOCATION	SYSTEM AND/OR	TYPE	CAPA	CITY	PRESSUR	RE DROP	DEMARKS
		SERVICE		GPM	[L/s]	PSIG	[kPa]	REMARKS
WF-1	SPD	BOILER/EQUIPMENT	CHARCOAL	20	[-]	6	[-]	

		,		EQ	UIPME	ENT R	OUGH	I-IN S	CHEDU	JLE		T				
MARK	EQUIPMENT DESCRIPTION	WAST	E PIPE	VENT	PIPE	COLD	WATER	HOT V	VATER	OSM	ERSE IOSIS TER	LAB	AIR	LAB V	ACUUM	REMARKS
		IN	[mm]	IN	[mm]	IN	[mm]	IN	[mm]			IN	[mm]	IN	[mm]	
EQ-1	ENDOSCOPE REPROCESSOR	2.0	[50]	1.5	[38]	.5	[13]	.75	[19]		[]	.5	[13]		[]	1, 2,3
EQ-2	WASHER DISINFECTOR	2	[50]	2	[50]	.5	[13]	.5	[13]	.5	[13]	.125	[3]		[]	1, 2, 3, 6
EQ-3	ELECTRIC STEAM GENERATOR	1	[25]		[]		[]		[]	.5	[13]		[]		[]	1, 2, 3
EQ-4a	AIR GUN		[]		[]		[]		[]		[]	.5	[13]		[]	1, 2
EQ-4b	AIR GUN WITH ADJACENT VAC OUTLET		[]		[]		[]		[]		[]	.5	[13]	.75	[19]	1, 2
EQ-5	HEAT SEALER		[]		[]		[]		[]		[]	.25	[6]		[]	1, 2
EQ-6	ICE MAKER	1.5	[38]		[]	.5	[13]		[]		[]		[]		[]	1, 2, 3
EQ-7	PREPROCESSING SINK	(2) 1.5	(2) [38]	(2) 1.5	(2) [38]	(2) .5	(2) [13]	(2) .5	(2) [13]		[]		[]		[]	1, 2
EQ-8	GAS STERILIZER		[]		[]		[]		[]		[]	.25	[6]		[]	1, 2
EQ-9	CART WASHER MAIN CABIN		[]		[]	.75	[19]	.75	[19]		[]	.5	[13]		[]	1, 2, 3, 5
EQ-10	CART WASHER SUPPLY TANK	2	[50]	1.5	[38]		[]	.75	[19]		[]		[]		[]	1, 2, 3
EQ-11	ULTRASONIC CLEANER	1.5	[38]		[]	.5	[13]	.5	[13]	.5	[13]	.5	[13]		[]	1, 2, 3, 7
EQ-12	DECONTAMINATION WORK SINK	(3) 1.5	(3) [38]	1.5	[38]	(1) .5 (4) .75	(1) [13] (4) [19]	(1) .5 (4) .75	(1) [13] (4) [19]		[]		[]		[]	1, 2
EQ-13	STEAM STERILIZER	2	[50]	1.5	[38]	.75	[19]		[]		[]	.25	[6]		[]	1, 2, 3, 4
	STERILIZER		1.21	1.0	F 1	0	1					.20				, -, -, -

								PLU	UMBING	3 PUMP	SCHED	ULE										
									CIRCULAT	ING FLUID								ELECTR	CICAL MOTO)R		
MARK	MARK LOCATION AREA AND/OBLDG SERV		SYSTEM AND/OR SERVICE	TYPE	FLUID	FLC	OW	HEA	AD	NPSH AV	'AILABLE	TEMPERA	TURE	SP. GR.	MIN. % EFF	NOMINAL	. POWER	PHASE	VOLT	MAX RPM	SPEED CONTROL	REMARKS
SP-1	ELEVATOR	ELEVATOR	ELEVATOR PUMP	SUMP	GROUND WATER	100	[1]	25	[320]	NA	NA	75	[24]	1	70	2	[]	3	480	1750	CONSTANT	OIL MINDER CONTROLS

							S	STORAG	E TANK	SCHEDU	JLE								
			SYS	STEM TEMPER	RATURE RAI	NGE	MAX OPI	ERATING	RELIEF	\/A \/⊏	MINI V	OLUME	INI ET DI	PE SIZES	OUTLET	PIPE SIZES	EQUALIZ	ER PIPE	
MARK	LOCATION	TYPE	M	ЛIN	MA	ЧX	PRES	SURE	KELIEF	VALVE	IVIIIN VV	OLUME	INLETPI	PE SIZES	OUTLET	PIPE SIZES	SIZ	ES	REMARKS
			°F	[°C]	°F	[°C]	PSIG	[kPa]	PSIG	[kPa]	GAL	[L]	IN	[mm]	IN	[mm]	IN	[mm]	
ST-1	SPD	FIBERGLASS BLADDER TYPE	40	[4]	65	[18]	N/A	N/A	N/A	N/A	245	[1900]	2	[50]	2	[75]	2	[100]	BLADDER TANK

2. REFER TO ARCHITECTURAL SPECIFICATIONS AND SUBMITTALS FOR FURTHER INFORMATION ON EQUIPMENT.

1. EQUIPMENT FURNISHED BY OTHERS, P.C. TO PROVIDE NECESSARY PLUMBING CONNECTIONS TO EQUIPMENT. COORDINATE PLUMBING CONNECTIONS WITH EQUIPMENT SUPPLIER.

3. THIS UNIT REQUIRES INDIRECT DRAIN CONNECTION. PROVIDE FULL SIZE DRAIN PIPE FROM UNIT TO ASSOCIATED DRAIN.

4. STEAM STERILIZER REQUIRES 3/4" NPT CONNECTION FOR STEAM PIPING WHICH IS SHOWN ON MECHANICAL DRAWINGS. 5. COLD WATER CONNECTION TO HOSE BIBB.

6. PROVIDE PRESSURE REGULATOR ON LA - INLET PRESSURE 100 PSI; SET FOR OUTLET PRESSURE 50 PSI. 7. PROVIDE PRESSURE REGULATOR ON LA - INLET PRESSURE 100 PSI; SET FOR OUTLET PRESSURE 30 PSI.

										WATER	R SOFTEN	IER SCH	EDULE											
					INCOMING WATER	CONTIN FLOW F		PEAK FLO)W RATE	INLET PR	ESSURE	BACK ELOW	WASH RATE	CAPA	CITY/ SALT DO	OSAGE	TANK SIZ	Œ (DIAM)		NE TANK E (DIAM)	P	OWER REQUIRE	ΞD	
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	HARDNESS	1 LOVV I	VAIL					I LOVV	IVAIL	MIN	STANDARD	MAX			SIZI	= (DIAIVI)				REMARKS
					PPM	GPM	[L/s]	GPM	[L/s]	PSIG	KPA	GPM	[L/s]	GR @ LB	GR @ LB	GR @ LB	IN	[mm]	IN	[mm]	AMP	PHASE	VOLT	
WS-1	RO/DETERGENT	SPD	BOILER/EQUIPMENT	ION EXCHANGE	200	30	[-]	40	[-]	90	[620]	15	[-]	80,000/24	100,000/40	120,000/60	16	[-]	24	[-]	10	1	120	DUPLEX UNIT. FLOW RATES LISTED ARE FOR TWO UNITS IN SERVICE.

								PACK	AGED RE'	VERSE O	SMOSIS S	SCHEDUL	E								
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	INCOMING WATER PPM DISOLVED	PRODUCT (M	CAPACITY IN)		FLOW AX)	REJECT (M <i>A</i>		CLEANIN	G FLOW	NO. VESSELS	MEMBRANES PER VESSEL	VESSEL ARRAY	PO	PUMP EL WER	ECTRICAL	VOLT	REMARKS
		DED G CERTED	<u> </u>		SOLIDS	GPM	[LPM]	GPM	[LPM]	GPM	[LPM]	GPM	[LPM]				HP	[kW]	PHASE	VOLT	
RO-1	SPD	RO/DETERGENT ROOM	BOILER & EQUIPMENT	MULTISTAGE, SINGLE PASS	300	12	[-]	17	[-]	5	[-]	4	[38]	9	1	1	3	[8]	3	208	

PLAN
FULLY SPRINKLERED
CONSTRUCTION DOCUMENTS

	CONSULTANTS:				ARCHITECT/ENGINEERS		Drawing Title PLUMB	ING SCHE	DULES			Project Title STERILE P	ROCESS	ING AND		Project Number 589-321	Office of
	GREGORY P. LUTH & ASSÒCIATES, INC. 3350 SCOTT BOULEVARD, BUILDING 48 SANTA CLARA, CA 95054	MECHANICAL/ELECTRICAL: KJWW ENGINEERING CONSULTANTS - ST. LOUIS #14 SUNNEN DRIVE ST. LOUIS, MO 63141	ACOUSTICAL ENGINEER: ACOUSTICONTROL 1709 WASHINGTON AVE, LOFT 300 ST. LOUIS, MO 56103	FIRE SPRINKLER: CODE CONSULTANTS INCORPORATED 2043 WOODLAND PARKWAY, SUITE 300 ST. LOUIS, MISSOURI 63146	CHRISTNER	THE SEAL (S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND WE EXPRESSLY DISCLAIM ANY						DISTRIBUT				Building Number 1	Construction and Facilities
□ 	COA#: 2006015199 STRUCTURAL ENGINEER (ELEVATORS): KPFF CONSULTING ENGINEERS - ST. LOUIS 1630 DES PERES RD # 100 ST LOUIS, MO 63131 COA#:	COA#: W00470734 PLUMBING/FIRE PROTECTION: 303RD ENGINEERING GROUP, LLC 1935 ARSENAL STREET ST. LOUIS, MO 63118 COA#:	ESTIMATING: KWAME BUILDING GROUP 1204 WASHINGTON AVE. SUITE 200 ST. LOUIS, MO 63103	COA#: 000419	ARCHITECTS DESIGNERS PLANNERS LANDSCAPE ARCHITECTS 168 N. MERAMEC AVE. SUITE 400 ST. LOUIS, MISSOURI 63105	RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OF PARTS OF THE PROJECT. © COPYRIGHT 2012 CHRISTNER INC.	Approved: Medical Center Director	Approved: Chief of O.R.	Approved: Chief of SPD	F !!!4!	Approved: Infection Control/ Nurse Practioner	Location HARRY S. Date 1/13/12		/AMC Drawn JGM	Approved	PL601 Dwg. 52 of 95	Management Department of Veterans Affairs

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